

F R E N G E R

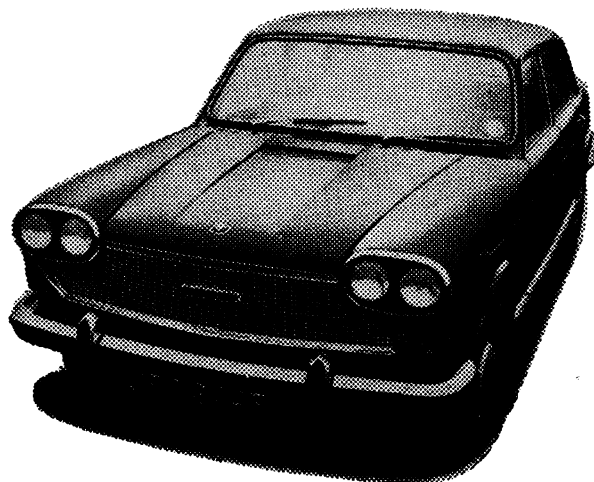
“ Frenger Heated and Acoustic Ceilings are installed in many hospitals throughout Northern Ireland and provide gentle and radiant heating.

The epoxy enamel paint finish provides a permanent washable surface and will with-stand many years of service without further decoration. Where special applications are required in X-Ray and Operating Suites, un-perforated panels with mastic sealed cross-joints can be introduced to conform to the stringent dust free requirements of this type of building.

Frenger Ceilings Limited are available for free advice on all aspects of ceiling design and construction and take a pride in giving personal service to suit individual requirements. ”

Frenger Ceilings Limited,
65 Balfour Avenue, Belfast 7
Telephone: Belfast 21887/8

***The luxury saloon
in the grand manner***



Test drive the new
BMC Austin 3 litre
Price : from £1474.14.5 inc. p.t.

THOMPSON-REID
Limited

Donegall Square Belfast 1

Telephone 30566

and at GLENGORMLEY 2896/3391 ;

BREDA SHOPPING CENTRE 649774 ;

Service at BALMORAL : 63a Stockman's Lane, 668372

*Generations of medical students all over the world
have used and trusted . . .*

HUTCHISON'S CLINICAL METHODS

**By DONALD HUNTER, C.B.E., M.D., D.Sc., F.R.C.P., and
R. R. BOMFORD, C.B.E., D.M., F.R.C.P.**

For over 70 years successive editions of Hutchison's Clinical Methods packed with basic information essential to all who wish to practise the art and science of good medicine, has been used by students, and practitioners, all over the world as one of their basic clinical textbooks. For this edition the book has undergone a complete and thorough revision, and much new material has been included.

15th edition 416 pages, 12 pages of photographs, 12 pages of colour plates **20s**

and

BACTERIOLOGY AND IMMUNOLOGY for STUDENTS OF MEDICINE

F. S. STEWART, M.D., F.R.C.P.I., F.C.Path., M.R.I.A.

Since the last edition appeared six years ago, the explosive growth in the fields of Microbiology and Immunology has continued. This has necessarily involved a substantial rewriting of this standard textbook formerly entitled Bigger's Handbook of Bacteriology. Over 40% of the text is entirely new, and all chapters have been extensively revised.

4th edition 612 pages, 78 photographs, 3 colour plates **55s**

BAILLIÈRE, TINDALL & CASSELL
7 & 8 Henrietta Street, London W.C.2

Coronary Care Unit OR Post Operative Intensive Care Suite

**Designed for YOUR requirements
with
Elema Schönander Modules**

With the surgical world alive with news of heart, liver, kidney and lung transplants one tends to pause and ask, "what next"? This we cannot answer, but we can stop for a moment and look back at the past ten years and wonder at the immense changes that have taken place, particularly in the manufacturing of modern equipment to meet the exacting needs of radiological and cardiological consultants.

In X-Ray alone we have seen the introduction of Bi-Plane film changers, image intensifiers with closed circuit television channels and 35 mm. cine cameras; high-powered three-phase selenium rectified generators; high speed rotating anode tubes suspended on ceiling mounted columns; Multi-Planigraph unit for specialized tomography; automatic processing, and in neuro-radiology an engineering masterpiece for all types of skull radiography in the form of the MIMER.

The alarming increase in deaths from coronary thrombosis has focused attention on the urgent need for specialized equipment for the diagnosis and care of the cardiac patient. The manufacturers have again played their part in producing pace makers, cardiac alarm systems, synchronized internal/external defibrillators, transistorized multi-channel re-

corders with facilities for pressure, phono, E.C.G. and E.E.G.

This modernization of diagnostic apparatus with its complicated electronic circuitry and intricate mechanics, calls for engineers who are required to have a specialized knowledge of electronics, mechanics and hydraulics, plus a complete understanding of the medical applications of the equipment. It also calls for a dedicated type of engineer prepared to carry on and complete the job after normal working hours, in order that "tomorrow's lists" may proceed as scheduled.

For many years the experienced team of engineers in Ulster X-Ray Ltd., under the direction of Mr. F. E. Halsey, have provided a comprehensive after sales service on the specialized equipment used daily in Northern Ireland. Several intensive care suites have already been designed to meet the personal requirements of individual consultants, who have the choice of incorporating in bedside and centrally positioned cabinets, any number of transistorized modules for recording the various phenomena.

These suites are provided for intensive supervision and specialized medical and surgical therapy. For example, casualty patents in shock, patents with perilous haemorrhage or severe disturbances in fluid balance, poisoning and acute or subacute respiratory insufficiency. Such intensive care suites should be so staffed and equipped as to be able to meet promptly any respiratory or circulatory complications.

One cannot in the space available, describe in great detail the vast number of functions available to the Medical Specialist, but the foregoing should help to illustrate that whatever your requirements, whether for apparatus, planning of departments, or after sales maintenance, they will be handled completely by

ULSTER X-RAY LIMITED
(Medical Electronics Division)

4 CRESCENT GARDENS, BELFAST BT7 1NS

THE ULSTER MEDICAL JOURNAL

is posted to over 800 Consultants,
Specialists and General Practitioners
twice a year.

This postal distribution is guaranteed
by the Ulster Medical Society.

Copies of the Journal are also
dispatched to University libraries
in Ulster ; also to the United States,
Canada, Australia and New Zealand.

Enquiries for advertising space
in the Journal
should be made to :

H. A. CRICK
6a VICTORIA AVENUE
WHITEHEAD
CO. ANTRIM, N. IRELAND
Tel. Whitehead 2379



**THE "ALLAN"
STETHOSCOPE
by ...**

Keeler

LEADERS IN THE FIELD OF E.E.N.T.
INSTRUMENTS FOR DOCTORS, SPECIALISTS,
OPTICIANS AND HOSPITALS
THROUGHOUT THE WORLD

Prompt attention to all enquiries

Clarkes **OF DONEGALL SQUARE**
BELFAST 1. TEL. 27257

Sole Agents and Stockists
of Keeler Instruments
in N. Ireland

**THE WORLD'S LARGEST AND MOST EXPERIENCED MEDICAL
DEFENCE ORGANISATION**

Membership exceeds 60,000

Established over 80 years

THE MEDICAL DEFENCE UNION

TAVISTOCK HOUSE SOUTH, TAVISTOCK SQUARE, LONDON, W.C.1

Telephone : 01-387 4244

Secretary :

Philip H. Addison, M.R.C.S., L.R.C.P.

Dental Secretary :

A. H. R. Rowe, M.D.S., F.D.S.